L Number	Hits	Search Text	DB	Time stamp
1	62633	groove\$1 with (align\$4 fiducia\$2)	USPAT;	2003/11/21 12:42
			US-PGPUB;	
	ĺ		EPO; JPO;	
			DERWENT;	
_	45303	augusta maam/aliamé4 fiduainéa)	IBM_TDB	2003/11/21 12:42
2	15323	groove\$1 near(align\$4 fiducia\$2)	USPAT; US-PGPUB;	2003/11/21 12:42
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
3	15323	groove\$1 near (align\$4 fiducia\$2)	USPAT;	2003/11/21 12:42
٦	13323	glooveyl hear (alignyl liadolayz)	US-PGPUB;	2555, 22, 22 22 2
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
4	979	(groove\$1 near (align\$4 fiducia\$2)) same	USPAT;	2003/11/21 12:44
		(fiber detector receiver diode)	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
5	497		USPAT;	2003/11/21 12:43
		(fiber detector receiver diode)) and	US-PGPUB;	
		385.clas.	EPO; JPO;	
			DERWENT;	
	·		IBM_TDB	
6	317	,5=== -,	USPAT;	2003/11/21 12:44
		(fiber detector receiver diode) same	US-PGPUB;	
		position\$3	EPO; JPO;]
			DERWENT;	
_		//	IBM_TDB	2002/11/21 12:44
7	180	((groove\$1 near (align\$4 fiducia\$2)) same	USPAT; US-PGPUB;	2003/11/21 12:44
		(fiber detector receiver diode) same	EPO; JPO;	
	}	position\$3) and 385.clas.	DERWENT;	1
	ļ		IBM TDB	
8	720	(385/92).CCLS.	USPAT	2003/11/21 13:35
11	4939		USPAT;	2003/11/21 13:36
**	4,555	(substrate\$1 member\$1)	US-PGPUB;	
į		(50250100041	EPO; JPO;	
			DERWENT;	
j			IBM TDB	
12	22871	fiber with (diode receiver photo)	USPAT;	2003/11/21 13:37
1			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
13	40834	fiber with (diode receiver receiving photo)	USPAT;	2003/11/21 13:37
			US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
		//>	IBM_TDB	2003/11/21 12:27
14	86	((bonded adhesive\$2) with package with	USPAT;	2003/11/21 13:37
		(substrate\$1 member\$1)) and (fiber with	US-PGPUB;	
1.03		(diode receiver receiving photo))	EPO; JPO;	
			DERWENT; IBM TDB	1
	2768	(385/88-94).CCLS.	USPAT;	2003/08/04 11:01
-	2/00	(303/00-94/.0013.	US-PGPUB;	2003/00/04 11:01
1	1		EPO; JPO;	
			DERWENT;	
	1		IBM TDB	
_	1098119	groove\$1	USPAT;	2003/08/04 11:01
		J	US-PGPUB;	1
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	1025	((385/88-94).CCLS.) and groove\$1	USPAT;	2003/08/04 11:02
			US-PGPUB;	
			EPO; JPO;	
	I .		DERWENT;	1
			DEKWENI,	

	108048	photoreceiver photodetector (photo adj	USPAT;	2003/08/04 11:03
		(receiver detector))	US-PGPUB;	
			EPO; JPO;	,
			DERWENT;	
	17000	(61h 61h)	IBM_TDB	2003/08/04 11:03
-	17983	(fiber fibre) with groove\$1	USPAT; US-PGPUB;	2003/08/04 11:03
			EPO; JPO; DERWENT;	
			IBM TDB	
	149	(((385/88-94).CCLS.) and groove\$1) and	USPAT;	2003/08/04 12:34
-	149	(photoreceiver photodetector (photo adj	US-PGPUB;	2003/00/01 12:31
		(receiver detector))) and ((fiber fibre)	EPO; JPO;	
		with groove\$1)	DERWENT;	}
	Ì	with grooverry	IBM TDB	
_	0	("(17)and5").PN.	USPAT;	2003/08/04 12:42
		(17) and 3 / 1211	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
	Ì		IBM TDB	
-	0	("(17)and5").PN.	USPAT;	2003/08/04 12:42
			US-PGPUB;	
			EPO; JPO;	
	İ		DERWENT;	
			IBM_TDB	
-	783	(((385/88-94).CCLS.) ((385/49,52).CCLS.))	USPAT;	2003/08/04 12:44
		and ((fiber fibre) with groove\$1) and	US-PGPUB;	
		(position\$3 align\$4).ab,clm.	EPO; JPO;	1
			DERWENT;	
			IBM_TDB	0000/00/04 10 44
-	666	((((385/88-94).CCLS.) ((385/49,52).CCLS.))	USPAT;	2003/08/04 12:44
		and ((fiber fibre) with groove\$1) and	US-PGPUB;	
		(position\$3 align\$4).ab,clm.) not ((((385/88-94).CCLS.) and groove\$1) and	EPO; JPO; DERWENT;	
		(photoreceiver photodetector (photo adj	IBM TDB	
	1	(receiver detector))) and ((fiber fibre)	IBM_IDB	1
		with groove\$1))		
1_	26	1	USPAT	2003/08/04 13:17
-	11	("H000551" "4030811" "4702547"	USPAT	2003/08/04 13:20
		"4725114" "4729623" "4744626"		
		"4750799" "4779946" "4890895"		
1		"4904036" "4945400").PN.	j	
-	377	((385/88-94).CCLS.) and ((385/49,52).CCLS.)	USPAT;	2003/08/04 15:57
	i		US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	3279		USPAT;	2003/08/04 16:02
1	}	not ((((((385/88-94).CCLS.) and groove\$1) and	US-PGPUB;	
	İ	(photoreceiver photodetector (photo adj	EPO; JPO;	
	1	(receiver detector))) and ((fiber fibre)	DERWENT;	
		with groove\$1)) ((((385/88-94).CCLS.)	IBM_TDB	
		((385/49,52).CCLS.)) and ((fiber fibre) with		
		groove\$1) and (position\$3 align\$4).ab,clm.)		
		((((((385/88-94).CCLS.) ((385/49,52).CCLS.))		
	ì	and ((fiber fibre) with groove\$1) and (position\$3 align\$4).ab,clm.) not		
	İ	((((385/88-94).CCLS.) and groove\$1) and		
		(photoreceiver photodetector (photo adj	1	
		(receiver detector))) and ((fiber fibre)		
		with groove\$1))))		
<u></u>		<u>, , , , , , , , , , , , , , , , , , , </u>	1	

((385/49,52).CCLS.)) not (((((385/48)-24).CCLS.)) and (photoreceiver photodetector) (photo adj (kreceiver detector)) and (((fiber fibre) with grooves1) ((((385/88-94).CCLS.)) (((385/49,52).CCLS.)) and ((fiber fibre) with grooves1) and (position\$3 align\$4.ab,clm.) ((((((185/88-94).CCLS.)) ((385/49,52).CCLS.)) and ((fiber fibre) with groove\$1) and (photoreceiver photodetector (photo adj (kreceiver detector)) and ((fiber fibre) with grooves1)) 4094 (((385/88-94).CCLS.) and groove\$1) and (photoreceiver photodetector (photo adj (kreceiver detector))) and ((fiber fibre) with groove\$1)) ((((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and ((((((385/88-94).CCLS.))) ((((((((((((((((((((((((((((((((((Γ_'	228	((((385/88-94).CCLS.) and	USPAT;	2003/08/04 15:59
((((((385/88-94).CCLS.)) and grooves()) and (((()) and (())		220			2003/00/04 13.33
(photoreceiver photodetector (photo adj (receiver detector))) and ((fiber fibre) with grooves1) and ((fiber fibre) with grooves1) and (positions3 aligns4), ab,clm.) ((((385/49,52),CCLS.)) and ((fiber fibre) with grooves1) and (positions3 aligns4), ab,clm.) ((((185/88-94),CCLS.)) and grooves3) and (positions3 aligns4), ab,clm.) (((185/88-94),CCLS.)) and (fiber fibre) with grooves1)) and ((185/88-94),CCLS.) ((385/49,52),CCLS.)) and (((385/88-94),CCLS.)) ((385/49,52),CCLS.)) and (((385/88-94),CCLS.)) and (((31934) position3) and method and (laser photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and					
(receiver detector)) and ((fiber fibre) with grooves1) (((385/89-94).CCLS.) ((385/49,52).CCLS.)) and ((fiber fibre) with grooves1) and (positions3 aligns4).ab.clm.) (((((385/88-94).CCLS.)) and (fiber fibre) with grooves1) and (positions3 aligns4).ab.clm.) and (((185/88-94).CCLS.)) and grooves1) and (positions3 aligns4).ab.clm.) not ((((385/88-94).CCLS.)) and grooves1) and (photoreceiver photodetector (photo adj (receiver detector))) and (fiber fibre) with grooves1))) - 4094 ((385/88-94).CCLS.) ((385/49,52).CCLS.) (US-POPUB, EPO, JPO, DERWENT; IBM TDB USPAT; US-POPUB, EPO, JPO, JPO, JPO, JPO, JPO, JPO, JPO, J				'	
with grooves1) ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((fiber fibre) with grooves1) and (positions3 aligns4), ab,clm.) (((((385/88-94).CCLS.)) and ((fiber fibre) with grooves1) and (positions3 aligns4), ab,clm.) and (((((185/88-94).CCLS.)) and ((fiber fibre) with grooves1) and (positions3 aligns4), ab,clm.) and ((((((185/88-94).CCLS.)) and grooves1) and (photoreceiver photodetector (photo add, with grooves1))) and ((fiber fibre) with grooves1))) and ((fiber fibre) with grooves1))) and ((fiber fibre) with grooves1))) and (((((((185/88-94).CCLS.)) (((((((((((((((((((((((((((((((((((
((385/49,52).CCLS.)) and ((fiber fibre) with grooves1) and (positions3 aligns4).ab.clm.) ((((1385/88-94).CCLS.)) ((385/49,52).CCLS.)) and ((fiber fibre) with grooves1) and (positions3 aligns4).ab.clm.) not (((1035/88-94).CCLS.)) and grooves1) and (positions3 aligns4).ab.clm.) not (((1035/88-94).CCLS.)) and (riber fibre) with grooves1) - 4094 ((385/88-94).CCLS.) ((385/49,52).CCLS.) ((385/88-94).CCLS.) ((385/49,52).CCLS.) ((385/88-94).CCLS.) ((385/49,52).CCLS.) ((385/88-94).CCLS.) ((385/49,52).CCLS.)) ((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((aligns4 positions3) and method and (laser photo receiver detector) and (laser photo r				_	
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and ((fiber fibre) with groove\$1) and (position\$3 align\$4) ab.clm.) not ((((385/88-94).CCLS.) and groove\$1) and (photoreceiver photodetector (photo adj (receiver detector))) and ((fiber fibre) with groove\$1))) - 4094 ((385/88-94).CCLS.) ((385/49,52).CCLS.) 13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo output).clm.) 18	Jones .				
(position\$3 align\$4).ab,clm, not (((1385/88-94).CCLS.) and groove\$1) and ((photoreceiver photodetector (photo adj (receiver detector))) and ((fiber fibre) with groove\$1))) - 4094 (((385/88-94).CCLS.) ((385/49,52).CCLS.) - 13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. - 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laber photo receiver detector) and output).clm.) - 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.)) and (((31gn\$4 position\$3) and method and (laber photo receiver detector) and output).clm.) - 45 (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.)) and ((align\$4 with fiber and (photo receiver detector) photodeceiver photodetector))) diode with (forward adj voltage) - 6437 (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laber photo receiver detector) photodeceiver	1	1	((((((385/88-94).CCLS.) ((385/49,52).CCLS.))		
((((385/88-94).CCLS.) and groove\$1) and (photoreceiver photodetector (photo adj (receiver detector))) and (((fiber fibre)) with groove\$1))) ((385/88-94).CCLS.) ((385/49,52).CCLS.) 13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) (SP\$7; US-PGVB; EPO, JPO; DERWENT; IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPO, JPO; DERWENT); IBM TDB (SPS) (SPO, JPO; DERWENT); IBM TDB (SPS) (SPO, JPO; DERWENT); IBM TDB (SPS) (SPO, JPO; DERWENT); IBM TDB (SPS) (SPO, JPO; DERWENT); IBM TDB (SPS)					
(photoreceiver photodetector (photo adj (receiver detector)) and ((fiber fibre) with groove\$1))) ((385/88-94).CCLS.) ((385/49,52).CCLS.) 13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 197 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((3185/89-94).CCLS.) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((318154 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) photoreceiver photodetector))) and (((3185/88-94).CCLS.) ((385/49,52).CCLS.)) and (((3185/88-94).CCLS.) ((385/49,52).CCLS.)) and ((filign\$4 position\$3) and method and (photo receiver detector) photoreceiver (betwent) between the photodetector)) 1 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((filign\$4 position\$3) and method and (photo receiver detector) photodetector)) 1 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((filign\$4 position\$5) and method and (photo receiver detector) photodetector) 1 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) 3 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) 3 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) 3 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) 3 (((385/88-94).CCLS.) ((385/49,52).CCL				1	
(receiver detector)) and ((fiber fibre) with groove(\$1))) ((385/88-94).CCLS.) ((385/49,52).CCLS.) 13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) ((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((((385/88-94).CCLS.)) and ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm.) 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((((385/88-94).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) photoreceiver photodetector))) and (((align\$4 position\$3) and method and (laser photo receiver detector) photoperceiver photodetector))) and ((align\$4 position\$3) and method and (photo receiver detector) photoperceiver (betector) photoperceiver (bet					
With grooves1))) ((385/88-94).CCLS.) ((385/49,52).CCLS.)					
13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 13732 ((385/88-94).CCLS.) ((385/49,52).CCLS.) 18M TDB 18PAT; 18PATB		[1	
US-PGPUB; EPO; JPO; DERWENT; 1BM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; 1BM TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; USPAT;	_	4094		IICDAT.	2003/08/04 16:02
13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. DEPMENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. Output).clm. Output).clm. Output).clm. Output).clm. Output).clm. Output).clm.		4034	((303/00-94).0013.) ((303/45/32).0013.)		2003/00/04 10:02
13732				1	
13732					
13732 ((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. 2003/08/04 16:1	15.				
### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector) and output).clm. ### Photo receiver detector photoreceiver photodetector) ### Photo receiver detector photoreceiver photodetector) ### Photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) and output).clm. and (aligns4 with fiber and (photo receiver detector) photoreceiver photodetector)) #### Photo receiver detector photoreceiver photodetector) #### Photo receiver detector) #### Photo receiver detect	} -	13732	((align\$4 position\$3) and method and (laser	_	2003/08/04 16:12
## 100 February Fe				1	
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97	! !				1
and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm.) 97 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and ((((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and ((((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm.) 145 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) photodetector))) 16437 diode with (forward adj voltage) 1 ((((388/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector))) and (diode with (forward adj voltage)) 1 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (dlode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 3 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (dlode with (forward adj voltage)) 4643 diode with (forward adj voltage)) 4644 diode with (forward adj voltage))]	1 4 1		IBM_TDB	
Claser photo receiver detector) and output).clm. Clm.	~	97	''' '''		2003/08/04 16:14
output).clm.) ((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((align\$4 EPO; JPO; position\$3) and method and (laser photo receiver detector) and output).clm.)) ((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and (photo receive	}				
1	1	}		1	}
1			output).clm.)		
and ((((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm.)) 45 (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) photoreceiver photodetector))) 6437 diode with (forward adj voltage) 1 ((((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) hotoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 3 (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4 (((385/88-94).CCLS.)) ((385/49,52).CCLS.)) (USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB (DERWENT); IBM_TDB (///205/00 04) GGT 0) //205/40 50) GGT 0))	-	2002/00/04 16 14
((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm.)) (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and ((lalign\$4 position\$3) and method and (laser photo receiver detector) and (laser photo receiver detector) and (photo receiver detector) and (photo receiver detector) and (photo receiver detector) and (photo receiver detector) photoreceiver photoreceiver photodetector))) ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and (laser photo receiver detector) and (laser photo receiver detector) and (laser photo receiver detector) and (photo receiver detector) photoreceiver detector) photodetector))) and (diode with (forward adj voltage)) (((385/88-94).CCLS.) ((385/49,52).CCLS.)) USPAT; IBM_TDB (position\$4 position\$4 position\$5 photodetector) (photo receiver detector) and (photo receiver detector) photoreceiver photodetector))) and (diode with (forward adj voltage)) (((385/88-94).CCLS.) ((385/49,52).CCLS.)) USPAT; IBM_TDB (position\$5 photography (po	-	97		· ·	2003/08/04 16:14
position\$3) and method and (laser photo receiver detector) and output).clm.)) 45 ((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector)) 6437 diode with (forward adj voltage) 1 ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj voltage)) 4643 diode with (forward adj bias) DERWENT; IUS-PGPUB; EPO; JPO; DERWENT; IBM_TDB 2003/08/04 16:1 US-PGPUB; EPO; JPO; DERWENT; ISM_TDB 2003/08/04 16:1		ĺ		1	
receiver detector) and output).clm.)) (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) (437) (437) (438) (438) (438) (439) (439) (439) (439) (439) (439) (439) (439) (430) (4)0 (4)0 (4)0 (4)0 (4)0 (4)0 (4)0 (4)0 (4)0 (4)0 (4)0 (4)0 (5)0 (630) (70				1 .	ì
45					
and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) diode with (forward adj voltage) 1 ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and (photo receiver detector) and (photo receiver detector) and ((align\$4 with fiber and (photo receiver detector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 3 ((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) 4643 diode with (forward adj bias) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB 2003/08/04 l6:1 US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	1- 1	45			2003/08/04 16:17
(laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) (437) diode with (forward adj voltage) ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector) and output).clm. and (diode with (forward adj voltage)) (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) 4643 diode with (forward adj bias) EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB				· ·	2000,00,00
output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector)) diode with (forward adj voltage) 1 ((((385/88-94).CCLS.)) ((385/49,52).CCLS.))		[
photodetector))) diode with (forward adj voltage) 1 ((((385/88-94).CCLS.) ((385/49,52).CCLS.))			output).clm. and (align\$4 with fiber and	DERWENT;	
G437 diode with (forward adj voltage)			(photo receiver detector photoreceiver	IBM_TDB	
US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; (alaser photo receiver detector) and (photo receiver detector))) and (diode with (forward adj voltage))	i l				
1 ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$\$4 position\$\$3) and method and (laser photo receiver detector) and (photo receiver detector) and (photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB] - }	6437	diode with (forward adj voltage)		2003/08/04 16:19
1 ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and (output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO;					
1 ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; DERWENT; ISM_TDB US-PGPUB; EPO; JPO; DERWENT; ISM_TDB US-PGPUB; EPO; JPO; DERWENT; ISM_TDB US-PGPUB; EPO; JPO;					
1 ((((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; ISM_TDB USPAT; US-PGPUB; EPO; JPO;					
and (((align\$4 position\$3) and method and (laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) uspat; and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) 4643 diode with (forward adj bias) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB uspat; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO; USPAT; US-PGPUB; EPO; JPO;		1	((((385/88-04) CCT.S) ((305/40 52) CCT.S))		2003/08/04 16:19
(laser photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) 4643 diode with (forward adj bias) 4643 diode with (forward adj bias) EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;		1		1	2003/00/04 10:18
output).clm. and (align\$4 with fiber and (photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) 2 (((385/88-94).CCLS.) ((385/49,52).CCLS.))					
(photo receiver detector photoreceiver photodetector))) and (diode with (forward adj voltage)) (((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj voltage)) USPAT; EPO; JPO; DERWENT; IBM_TDB US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO; DERWENT; US-PGPUB; EPO; JPO;	1 1	}			1
photodetector)))) and (diode with (forward adj voltage)) (((385/88-94).CCLS.) ((385/49,52).CCLS.))				1	
adj voltage)) (((385/88-94).CCLS.) ((385/49,52).CCLS.)) uspat; us-pgpub; Epo; Jpo; DERWENT; IBM_TDB uspat; us-pgpub; Epo; Jpo; DERWENT; US-PGPUB; Epo; Jpo; DERWENT; US-pgpub; Epo; Jpo; DERWENT; US-pgpub; Epo; Jpo;				1	
and (diode with (forward adj voltage)) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;					
and (diode with (forward adj voltage)) US-PGPUB; EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; US-PGPUB; EPO; JPO;	-	2		USPAT;	2003/08/04 16:18
diode with (forward adj bias) DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;				US-PGPUB;	
- 4643 diode with (forward adj bias) IBM_TDB USPAT; US-PGPUB; EPO; JPO;					
- 4643 diode with (forward adj bias) USPĀT; 2003/08/04 16:1 US-PGPUB; EPO; JPO;	1	ĺ			
US-PGPUB; EPO; JPO;					
EPO; JPO;	_	4643	diode with (forward adj bias)		2003/08/04 16:19
I DERWENT! I					
IBM TDB					
]_	12830	[[[]385/88-94], CCLS.) [[385/49-52], CCLS.)]		2003/08/04 16:19
adn (diode with (forward adj bias)) US-PGPUB;		~2055		· ·	2000/00/04 10:19
EPO; JPO;				1	
DERWENT;				1	
	1	·		IBM TDB	

-	2	(((385/88-94).CCLS.) ((385/49,52).CCLS.)) and (diode with (forward adj bias))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/08/04 16:37
-	447		IBM_TDB USPAT;	2003/08/04 16:30
		photo receiver detector) and output).clm. and (align\$4 with fiber and (photo receiver	US-PGPUB; EPO; JPO;	
	000	detector photoreceiver photodetector))	DERWENT; IBM_TDB USPAT;	2003/08/04 16:38
d	808	(fiber near3 groove) and (photodetector photoreceiver detector receiver)	US-PGPUB; EPO; JPO;	2003/00/04 10:30
			DERWENT; IBM TDB	
-	90	((fiber near3 groove) and (photodetector photoreceiver detector receiver)) and	USPAT; US-PGPUB;	2003/08/04 16:38
		(active near (position\$3 align\$4))	EPO; JPO; DERWENT;	
-	76	(fiber near3 groove).ab. and (photodetector photoreceiver detector receiver).ab.	IBM_TDB USPAT; US-PGPUB;	2003/08/04 16:38
		photoreceiver detector receiver, ab.	EPO; JPO; DERWENT;	
_	0	((fiber near3 groove).ab. and (photodetector	IBM_TDB USPAT;	2003/08/04 16:39
		photoreceiver detector receiver).ab.) and (active near (position\$3 align\$4)).ab.	US-PGPUB; EPO; JPO;	
		((5))	DERWENT; IBM_TDB	2003/08/04 16:39
-	4	((fiber near3 groove).ab. and (photodetector photoreceiver detector receiver).ab.) and (((fiber near3 groove) and (photodetector	USPAT; US-PGPUB; EPO; JPO;	2003/00/04 16:39
		photoreceiver detector receiver)) and (active near (position\$3 align\$4)))	DERWENT; IBM_TDB	
-	25	("4181400" "4725114" "4730198" "4756591" "4802727" "4810557"	USPĀT	2003/08/05 10:24
		"4816182" "4882304" "4887882" "4888081" "4904411" "504718181" "5047181" "504		
		"5047182" "5071213" "5179609"	1	
		"5388174" "5415730" "5432878" "5684902").PN.		
-	6 160		USPAT USPAT;	2003/08/05 10:26 2003/08/05 10:28
			US-PGPUB; EPO; JPO; DERWENT;	
-	2920	(385/88-94).CCLS.	IBM_TDB USPAT;	2003/11/20 12:32
			US-PGPUB; EPO; JPO;	
	151	(/205/00.04) GGVG) and ODD 20020003	DERWENT; IBM_TDB	2002/11/20 12.22
-	151	((385/88-94).CCLS.) and @PD>20030801	USPAT; US-PGPUB; EPO; JPO;	2003/11/20 12:33
			DERWENT; IBM_TDB	
-	1779	(385/49,52).CCLS.	USPAT; US-PGPUB;	2003/11/20 15:48
			EPO; JPO; DERWENT;	
-	1	(photo adj (detector diode)) with (fiber fibre waveguide) with (tilt tilted)	IBM_TDB USPAT; US-PGPUB;	2003/11/20 15:49
			EPO; JPO; DERWENT;	
L			IBM_TDB	